



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

December 24, 2015

Re: **Dovetail Energy, LLC**
Class B Biosolids Site Authorization
NPDES
Greene County
1IN00305*AD

Mr. Bruce Bailey
Vice President of Technical Affairs
quasar energy group
5575 Granger Road, Suite 320
Independence, OH 44131

Dear Mr. Bailey:

Ohio EPA received a request on November 2, 2015 from quasar energy group to include the following site as part of the Dovetail Energy, LLC biosolids management program:

<u>Field ID</u>	<u>Ohio EPA #</u>	<u>County</u>	<u>Township</u>
GRQ-07-02	29-00471	Greene	Bath

This site, owned by **Exemption 6** and operated by Pitstick Pork Farms, Inc., is located north of Yellow Springs Fairfield Road, approximately 0.4 mile east of Byron Road.

Ohio EPA has reviewed this site and noted the conditions listed below. The review included consideration of soil and landscape characteristics, isolation distances from residences, geology and ground water conditions, and the proximity to waterways and wells.

- The review indicated a possible depth to bedrock of 10-40 inches on portions of this site. Ohio Administrative Code (OAC) 3745-40-08(C)(1) states that biosolids may not be beneficially used within an isolation distance of three feet to bedrock. Ohio EPA recommends that the portions of this site classified as Milton silt loam and Ritchey silt loam be probed before beneficial use to determine the depth to bedrock. Records shall be maintained indicating where the depth to bedrock is less than three feet and biosolids shall not be applied in these areas.
- If a dragline system is used at this site, it shall be managed in accordance with the Dovetail Energy Dragline Standard Operating Procedure submitted to Ohio EPA on June 19, 2015.
- **All biosolids beneficially used at this site shall be injected beneath the surface of the ground or immediately incorporated into the soil.** Additional isolation distance to surface waters of the state may need to be provided to account for potential runoff and to ensure that the required thirty-three feet isolation distance is maintained. Biosolids that remain on the surface shall be incorporated within six hours to minimize the potential for runoff.

This site is authorized to be included as part of the Dovetail Energy, LLC biosolids program. This authorization is subject to conditions listed above and those contained in both the NPDES permit and OAC 3745-40. Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the

December 24, 2015

Page 2 of 2

more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern. Highlights of these conditions are as follows:

1. Biosolids shall not be applied in buffer zones.
2. In accordance with federal/state rules, biosolids may not be applied within 33 feet of surface waters of the state.
3. Biosolids application shall be timed to avoid periods of excessive wetness to help prevent runoff from a site.
4. Records for the application of biosolids on this site shall be maintained in accordance with the requirements found in OAC 3745-40-09(C).

If you have any questions, please contact me at (614) 644-2150 or via email at betsy.vanwormer@epa.ohio.gov.

Sincerely,



Betsy P. L. VanWormer, P.E.
Environmental Engineer II
Ohio EPA Division of Surface Water

Cc: Greene County Combined Health District
Greene County Soil and Water Conservation District
Bath Township Trustees

Exemption C

Ec: Pitstick Pork Farms
Ned Sarle, Ohio EPA, DSW/SWDO



Class B Biosolids
Beneficial Use Site Authorization

Dovetail Energy, LLC

Ohio EPA Site Field ID
29-00471 GRQ-07-02



Division of Surface Water
50 W Town Street, Suite 700
Columbus, OH 43216
(614) 644-2150

